

NASSAU COUNTY

DEPARTMENT OF HEALTH



2008
ANNUAL REPORT

Maria Torroella Carney, M.D., F.A.C.P.
Commissioner of Health

Nassau County Board of Health



Norma J. Henriksen, Chair



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Ellen J. Braunstein, MD



Donna Kass

Role and Responsibilities

The Nassau County Board of Health and the Nassau County Department of Health were created in 1938 by the Nassau County Charter.

Members of the Board of Health are appointed by the County Executive to five-year terms. The Board enforces the New York State Public Health Law as well as New York State and local sanitary codes.

The Board:

- Prescribes the duties of and directs the Commissioner of Health.
- Makes and publishes orders and regulations for the preservation of life and health.
- Creates orders and regulations for the supervision of nuisances and other matters detrimental to the public health.
- Restrains by injunction violators of its orders and regulations.
- Issues subpoenas, compels the attendance of witnesses, and administers oaths and compels testimony.
- Issues warrants to peace officers to enforce the law.
- Prescribes and imposes penalties for violations of, or failure to comply with, its orders or regulations or any of the regulations of the state sanitary code.

Inquiries to the Nassau County Board of Health can be addressed to:

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106 Charles Lindbergh Blvd.
Uniondale, New York 11553**

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NASSAU COUNTY **DEPARTMENT OF HEALTH**

2008 ANNUAL REPORT

Our Vision

The Nassau County Department of Health will lead a public health system that works to create healthy communities.

Our Mission

The Nassau County Department of Health promotes and protects the health of the residents of Nassau County. This mission is accomplished through direct services and community partnerships in the following areas:

- Prevention of environmental health hazards through assessment, regulation and remediation.
- Investigation and control of communicable diseases, including agents of bioterrorism.
- Promotion of healthy behaviors through education, outreach and training.
- Promotion of equal access to culturally and linguistically appropriate health care and allied services.
- Development and dissemination of local health data.
- Creation of innovative solutions to public health problems.

Message from the Commissioner 2008

I am honored to present the 2008 Annual Report which is a snapshot of the Department of Health's accomplishments during the year, my first year as Commissioner of the Nassau County Department of Health.

In February, the Department relocated from 240 Old Country Road, Mineola to 106 Charles Lindbergh Boulevard, Uniondale. After many decades of working in the Department's former home, the task of moving to a new facility was achieved through the tireless work of staff. The new headquarters for the Department represents a new beginning and allows the Health Department to work more closely with our partners in the Health and Human Services sector of the county government.

On March 4, 2008, when I took the oath of office as Nassau County Commissioner of Health, my main goals were to represent the Department well in the community, protect and promote the health of the residents of Nassau County and bridge relationships with health care professionals throughout the County – together as a team, the Department has strived to meet these goals.

In 2008, the Department faced many acute challenges which have included but were not limited to meningitis, measles, mumps, West Nile Virus and influenza. Furthermore, the Department moved to promote health in the County by expanding a health promotion program entitled, Healthy Nassau. This program markets many programs and activities that reach community members with the goal of improving the health of Nassau residents. Each of these events, situations and activities was handled with great success and I am thankful to all of the employees of the Department of Health for the dedication to the safety and health of Nassau County.

To good health,

Maria Torroella Carney, MD, FACP

HEALTH DEPARTMENT HIGHLIGHTS

County Executive Suozzi Administers the Oath of Office to Maria Torroella Carney, M.D., F.A.C.P., as Commissioner of Health

On March 4, 2008, Nassau County Executive Thomas R. Suozzi administered the oath of office to Maria Torroella Carney, M.D., F.A.C.P., as the Nassau County Commissioner of Health. Dr. Carney attended New York Medical College where she received her doctorate of medicine in 1992. At New York Medical College she served as President of the Student Body (Student Senate) 1991-1992 and graduated with honors. After an internship at Georgetown University Medical Center, she completed a residency in Internal Medicine at Weill/Cornell School of Medicine at New York Hospital. She went on to complete a two year fellowship in Geriatric Medicine at Mount Sinai School of Medicine receiving the Fellow of the Year award in 1998. Dr. Carney is board certified in Internal Medicine, Geriatric Medicine and Hospice/Palliative Medicine through the American Boards of Internal Medicine and Hospice and Palliative Medicine. Dr. Carney holds an academic title of Clinical Assistant Professor of Geriatrics and Adult Development at the Mount Sinai School of Medicine and Clinical Assistant Professor in the Department of Preventive Medicine at the State University of New York at Stony Brook.



Relocation of the Department

The Department relocated its offices to 106 Charles Lindbergh Boulevard, Uniondale after over 40 years at 240 Old Country Road, Mineola. Before, during, and immediately after the relocation, the Department maintained all services in its mission to protect and provide for public health.

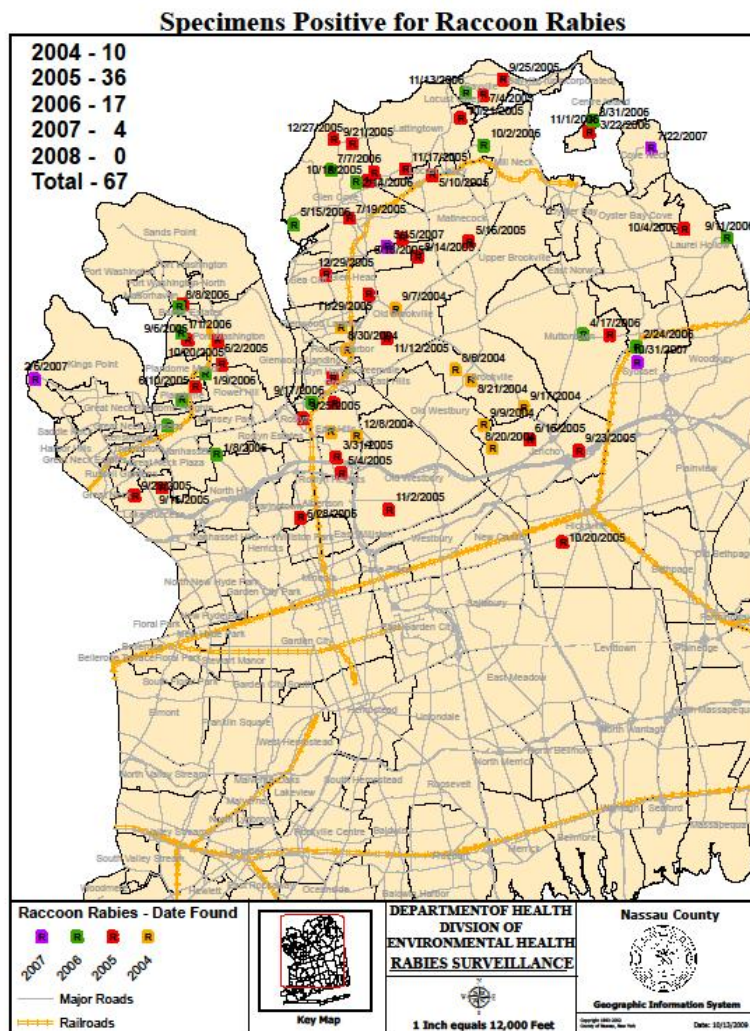


Reduction of Rabies in Raccoon Population

The Department has been conducting a program to eliminate raccoon rabies from Nassau County since it was first detected in August of 2004. An integral part of these efforts include an oral rabies vaccination program (ORV) which involves the distribution of approximately 100,000 packets of an oral rabies vaccine contained within an attractant bait each Fall. Another component is surveillance: zoonoses staff compile data to track the presence of rabies in the raccoon population including the collection, preparation and shipment of specimens (764 in 2008) for analysis to the NYS Wadsworth Laboratory.

The surveillance effort of this program revealed a significant decline in rabies positive raccoons from a peak of 36 positives in 2005, 17 positives in 2006, four (4) positives in 2007 and no reported positives in 2008. The last reported positive was collected on October 31, 2007.

This program has not only prevented a large scale outbreak of rabies throughout the County, but has limited and perhaps even eliminated the spread of rabies among the raccoon population. The zoonoses staff, with the assistance of their partners in the Emergency Services Unit of the Nassau County Police Department and the State and Federal Wildlife programs, have been successful through their diligence, cooperation and hard work.



Public Health Emergency Preparedness Training

In 2008, seven Points of Dispensing (POD) activations took place in Nassau County to protect the public health of its residents:

On April 7th through April 9th 2008, POD's were activated to dispense immune-globulin as a result of a measles outbreak. On July, 26th and July, 28th, POD activations took place to dispense MMR as a result of a mumps outbreak. Two Vote and Vaccination POD'S were activated to dispense flu vaccine to senior citizens at polling places on November 4th, 2008. On November 6th, 2008, the Nassau County Police Department (NCPD) tested its POD plan and exercised a flu POD to dispense flu vaccine to the NCPD and their families. Medical Reserve Corps and Community Emergency Response Team volunteers were utilized for the activations.



Point of Dispensing (POD) as a result of a measles outbreak

HEALTH DEPARTMENT MISSION

PROTECTING THE ENVIRONMENT

One of our foremost missions is to provide a safe and healthy environment for our citizens and prevent environmental health hazards. The Health Department's activities range from monitoring the quality of drinking water and protecting the county water resources from toxic spills and sub-surface contamination discharges, to assuring that recreational facilities are properly designed and operated to protect the public health.

Public Drinking Water - New Perchlorate Removal Facilities

During 2008, the Department approved the construction and operation of new perchlorate removal water treatment plants in the Bethpage Water District located at Well BGD-1 and Well 8-1 designed by the H2M Group consultants. These are the first perchlorate removal facilities approved for operation in New York State, and two of only a few installations in the nation. The facilities feature an ion exchange resin treatment vessel, which will reduce perchlorate levels to less than 1 part per billion (ppb) and provide approximately three years of service before resin replacement. Perchlorate contamination is of concern because of its ability to affect the thyroid gland, which can affect metabolism, growth, and development. Although there is no federal or state drinking water maximum contaminant level (MCL) for perchlorate, public water systems must treat or discontinue the use of any source of water supply that exceeds the State Primary Action Level (PAL) of 18 ppb. If the USEPA or NYSDOH adopt a perchlorate MCL of five ppb, approximately 16 public supply wells in 10 public water systems will require treatment of blending to meet the MCL.

Public Drinking Water - The Reduction of Water Supply Emergencies due to the Elimination of Chlorine Waivers for Public Water Suppliers

The Department revised the criteria for public water systems to be eligible for a waiver from mandated disinfection. Since water system disinfection is a basic defense against accidental and deliberate contamination of a water system, the new criteria was designed to reflect the federal and state laws governing public water system vulnerability and emergency preparedness. Consequently, any water system that serves a population of greater than 3,300 was ineligible to receive a disinfection waiver. This change was a significant contributing factor in reducing the number of microbiological contamination events in the Nassau County public water systems. In 2006 and 2007, there were six incidents of microbiological contamination, while there were none in all of 2008.

Public Drinking Water - Development of Protocols for Temporary Water Distribution Systems

The Department developed a guidance document for use by operators of temporary water systems to maintain sanitary conditions and provide potable water on a temporary basis as well as to advise the local public water suppliers of these events. These systems are primarily used at community fairs, bazaars, carnivals and events such as the Big Apple Circus and the USGA U.S. Open golf tournament. The protocols define the type of water sources, temporary piping and hose types, cross connection control and sampling requirements necessary for a safe water supply. These protocols assure protection not only to the public attending these temporary events but also to the public water suppliers from which these systems draw.

Safety in Swimming Pools - Virginia Graeme Baker Act

During the fall of 2008, the Department conducted conferences with the New York State Department of Health to discuss the impact of the Virginia Graeme Baker Act on the design and operation of public swimming pools in Nassau County. This new federal law, which became effective on December 19, 2008, mandates the installation of special main drain covers and protective devices to prevent bather suction entrapment. Department representatives also attended an information session hosted by pool supply and equipment distributors to discuss compliance with the provisions of the federal law and the state sanitary code regulations governing pool modifications. On December 16, 2008, the Board of Health approved a new fee schedule for the review of main drain replacement covers for all permitted facilities with swimming pools. The Department anticipates the submission of over 300 pool modification plans in 2009.

Radiation Protection - Emergency Response Exercise

During September 2008, staff participated in an emergency response exercise hosted by the Nassau County Office of Emergency Management (NCOEM). The scenario involved a terrorist bombing (or attempted bombing) at the Broadway Mall in Hicksville. The Department's Radiological Emergency Response Team (ERT) assisted the Nassau County Police Department (NCPD) Emergency Services Unit (ESU) and the Ambulance Corps in screening victims, suspects and responders for radiological contamination at the decontamination station.



The Department's Radiological Emergency Response Team participates in an Emergency Management drill

Protecting the Environment - By the Numbers

- Inspected 5,151 food service establishments
- Collected over 4,300 samples of drinking water for comprehensive testing
- Monitored the removal of 629 small/homeowner fuel oil tanks and 197 commercial tanks
- Monitored the abandonment of 1,863 small/homeowner fuel oil tanks and 8 commercial tanks
- Commenced 338 enforcement actions for violations
- Assessed \$280,650 in penalties for violations of the New York State Sanitary Code and Nassau County Public Health Ordinances
- Set up 833 Mosquito traps at 42 locations throughout the county
- Collected 428 pools of mosquitoes for testing; 57 tested positive for West Nile virus
- Speciated over 19,116 individual mosquitoes
- Analyzed 494 dead bird reports and collected 26 birds for WNV testing
- Collected 1,344 bathing water samples for bacteriological analysis
- Issued 56 violation notices of the Clean Indoor Air Act which protects workers from exposure to second-hand smoke

CONTROLLING INFECTIOUS DISEASES

Measles Exposure

In April 2008, NCDOH advised the public and health care professionals of a case of measles in Nassau County. The individual was an 8 month old who was visiting from Israel. The infant had direct face to face contact with a confirmed case in Israel, which was experiencing an outbreak. Measles is a highly contagious disease and exposure to the public was at multiple public locations including child clothing and maternity stores, an airline flight and airports. NCDOH activated their Incident Command System and developed a response plan. Public notification consisted of a press conference, calls to NYSDOH, CDC, and medical societies. A POD was set up and immune-globulin was offered to susceptible individuals who had been exposed.

Mumps Outbreak

In July 2008, NCDOH advised the public and health care professionals about three cases of mumps diagnosed in college students from Ireland who were employed at two beach clubs in the county. The two clubs together employed 60 students from Ireland. The students were living in dormitory type facilities and socialized together. NCDOH provided mumps vaccine to these foreign born contacts by utilizing Incident Command procedures and activating its Medical Reserve Corps. A total of 52 students were immunized. Ireland does not mandate mumps vaccination for students and the country had experienced recent outbreaks among individuals 15-24 years of age.

Sexually Transmitted Diseases (STD)

In 2008, the department verified 2,445 cases of chlamydia, 327 cases of gonorrhea and 173 cases of syphilis. The department has made syphilis case management one of its highest priorities.

STD screening is offered to all Nassau County Correctional Center inmates. Follow up and case management is provided by the Health Department for all inmates who test positive for syphilis, gonorrhea and chlamydia. In 2008, inmates made up 7.5% of all new syphilis cases.

Partner Notification for HIV/AIDS

In 2008, the department received 183 HIV/AIDS reports from the New York State Department of Health. Each Nassau County resident was contacted and was offered assistance notifying their contacts that might be at risk.

HIV/AIDS

The Nassau County Department of Health funds grants to community based organizations to address health disparities in HIV. With this funding, the Leadership Training Institute (LTI) provides HIV prevention education to inmates and provides outreach to local schools. The program reached nearly 2,700 county residents. The Office of Minority Affairs works closely with LTI to ensure that evidence based methods are being utilized, high risk minority groups are reached and outcome measures are established.

The Office has also partnered with Long Island Association for AIDS Care (LIAAC) and Long Island Minority AIDS Coalition (LIMAC) to promote HIV testing, referrals to care and HIV prevention services. LIMAC tested 391 individuals, provided 1,028 risk reduction interventions, 374 risk reduction demonstrations and distributed 1,433 risk reduction kits. LIAAC tested 200 individuals, provided supportive case management services to over 1,500 clients, provided referrals, risk assessments, and outreach to over 2,500 residents and received over 4,500 hotline calls.

As a means of strengthening community ties in underserved areas, the Office participated in several community events, such as the HIV CARES Network Health Fair at Nassau University Medical Center, and Hempstead High School Career Fair providing information and presentations on HIV and STDs in Nassau County.

Nassau County has served as the applicant, grantee and initial recipient of federal funding for HIV and AIDS services under the Ryan White CARE Act since 1993, through a memorandum of understanding with Suffolk County. The grant and subsequent awards to Nassau and Suffolk programs for services to persons with HIV/AIDS are administered through a contract with United Way of Long Island.

In 2007, the combined Nassau and Suffolk County area received a reduced amount of federal funding for HIV and AIDS treatment programs under the Ryan White Reorganization Act of 2006, because the federal government re-classified this area from an Eligible Metropolitan Area (EMA) to a Transitional Grant Area (TGA.) The Ryan White grant award to the Nassau-Suffolk EMA decreased from \$6.15 million in fiscal year 2006, to \$4.49 million in fiscal year 2007 and \$4.98 million in 2008. Nassau County, in conjunction with some providers of service, consumers of service and also on behalf of Suffolk County, sued the federal government over the change in designation. Despite an initial negative outcome, the decision was overturned by the U.S. Court of Appeals and the region has been restored to EMA status.

In 2007 (last available figures), there were 3,714 people living with AIDS and an additional 2,039 individuals living with HIV in the Nassau-Suffolk EMA (HIV became a reportable disease in New York State in June 2000). A total of 51,236 units of service were provided to 3,501 clients in both counties during the 2008 contract year.

West Nile Virus Surveillance and Control

In August 2008, in conjunction with an increase in mosquito populations, an increase in mosquito pools testing positive for West Nile Virus and an increase in humans testing positive for West Nile Virus, a Public Health Declaration was declared by New York State Department of Health Commissioner Richard Daines, M.D. As a result of this declaration and for the first time since 1999, Nassau County had to apply adulticide in an effort to eliminate mosquitoes carrying the West Nile Virus. An emergency authorization to conduct application of mosquito adulticide over targeted areas of the county was obtained from the New York State Department of Environmental Conservation.

This was a complex task with multiple agencies involved. The Department coordinated the response with Nassau County Department of Public Works, Nassau County Office of Emergency Management, New York State Department of Environmental Conservation, the Federal Aviation Administration and the Centers for Disease Control and Prevention. The goal of the spraying was to eliminate mosquitoes, minimize exposure to humans and water sources and to notify the public of the planned spraying. The Office of Emergency Management activated their Swiftreach telephone system and called 460,000 residents who had published telephone numbers and resided in the spray zones. A telephone hotline was set up for those residents seeking additional information. This hotline responded to 17,642 calls from the public.

The central area of Nassau County (bounded on the north by the Long Island Expressway, on the south by the Southern Parkway, to the west by the New York City border and to the east by the Seaford – Oyster Bay Expressway) was sprayed by aerial application (September 10th). Two additional areas in Glen Head and Woodmere were sprayed by truck (September 4th).

Surveillance activities conducted before and after spraying revealed a marked decrease in mosquito populations.



The cockpit of the plane used for aerial spraying included the use of GIS maps developed by the Division of Environmental Health

Controlling Infectious Diseases – By the Numbers

- Received 25,362 laboratory reports of 71 communicable diseases
- Confirmed 20 human cases of West Nile virus infection
- Investigated 328 suspected tuberculosis cases
- Provided 6,000 observations for all 44 confirmed cases of TB as part of the Directly Observed Therapy Program
- Certified 938 participants in the Food Manager's Training Course and re-certified 769 in safe food handling practices
- Investigated 112 outbreaks of food borne illness.

PROMOTING HEALTHY LIFESTYLES

Asthma Control

In 2008, 4 low-income children and their families were enrolled in the asthma environmental control program bringing the total number of children enrolled to 58. The families received educational home visits to learn about asthma triggers and how to avoid them. They were also given supplies and equipment, such as air filters and mattress covers, to reduce environmental exposures. Of those children who completed the educational visits and one-year follow up, 38% have been without symptoms of asthma.

Tobacco Control & Prevention

In 2008, approximately 1,417 students in 14 schools received tobacco prevention education. In cooperation with Roswell Park Cancer Institute, no-cost Nicotine Replacement Therapy (NRT) was made available to county residents. This program allowed eligible residents to receive four weeks of NRT from Nassau County and an additional two weeks of NRT from New York State. The program was completed in May 2008. From January 2008 through May 2008, 1,999 residents received NRT through this program.

Birth Outcomes - The Community Health Worker (CHWP) Program

The Community Health Worker Program (CHWP) staff assists women in having safe pregnancies and healthy children. The program provides outreach and case management services to pregnant women and their families in the Village of Hempstead and the community of Roosevelt. In 2008, the program served 125 families. 125 infants and children were screened for developmental delays, 7 of whom were referred to the Early Intervention program. The program also made 1,176 home visits and scheduled 1,244 prenatal care visits. It also collaborates with other Maternal Child Health Programs and providers across Nassau.

Ban on Artificial Trans-fats at Food Service Establishments

In September of 2007, the Nassau County Board of Health voted to restrict the use of artificial trans-fats from all permitted food service establishments in Nassau County. On April 1, 2008, the trans-fat restrictions took effect for trans-fats used for frying or in spreads. The new regulations limit artificially-produced trans-fats, including margarine, shortening or partially-hydrogenated oils, to products that contain less than 0.5 grams of fats per serving. The regulations are enforced by Health Department inspectors who check the labels of frying oils and any other product which might contain trans-fats. Products that are sold in their original sealed packaging are exempt from these regulations, as they are regulated at the national level by the federal Food and Drug Administration.

Safe Swimming – Project Swim

The Office of Minority Affairs worked closely with the Nassau County American Red Cross to help address racial disparities in drowning. American Red Cross has partnered with Hempstead High School to develop Project Swim which teaches teens how to swim and trains them to be lifeguards.

Childhood Obesity Prevention Program

Nassau County Department of Health funds grants to community based organizations to address health disparities in childhood obesity. With this funding, the Economic Opportunity Commission of Nassau County (EOC) provides family educational programs on healthy eating habits, exercise, and lifestyle changes that promote obesity prevention. In 2008, 79 families were enrolled in the program. The Office of Minority Affairs works closely with EOC to ensure that evidence based methods are being utilized, high risk minority groups are reached and outcome measures are established.

Promoting Healthy Lifestyles – By the Numbers

- Provided nutrition education and quarterly food supplements to approximately 13,000 women, infants and children in the WIC Program
- Provided case management services to 118 families in the Village of Hempstead and to 50 families in the community of Roosevelt through the Community Health Worker Program
- Restricted the use of artificial trans-fats from all permitted food services establishments in Nassau County

ENSURING ACCESS TO HEALTH CARE

Perinatal Services Network

The Nassau County Perinatal Services Network (NCPSN) is a consortium of over 40 stakeholders including health care providers, hospitals, county agencies and community based organizations. The mission of the network is to improve birth outcomes and reduce infant mortality in those communities in Nassau County that statistically show significant perinatal health disparities.

The following are activities and accomplishments of the Perinatal Services Network in 2008:

- In December 2008, the NCPSN launched the Nassau County Best Practices for Perinatal Mood Disorders Task Force. It is a multi-disciplinary group whose main objective is to establish best practice standards for the screening, evaluation and treatment of women facing Perinatal Mood Disorders.
- During 2008, the main topic on the agenda of the NCPSN was Preconception and Interconception Health. A health education curriculum for consumers was developed and the Health Educator implemented it for childbearing age women within the communities of focus, with an emphasis on reaching teenage, homeless, low-income and immigrant women. Our NCPSN 7th Annual Conference was titled “Tomorrow’s Healthy Babies Begin With Today’s Healthy Women: Preconception & Interconception Care”. It was well attended, mostly by health providers and OB/GYN medical staff. Participant evaluations gave the conference high ratings.
- The NCPSN held a year-round promotion of the Prenatal Care Assistance Program (PCAP) in Nassau County. A flyer and poster were developed describing the services of the PCAP’s and included a list of all the PCAP clinics, their locations and phone numbers. NCPSN members, HMO’s and the NCPSN Health Educator distributed the flyers and the NCPSN staff posted flyers and posters at public locations within the NCPSN’s five communities of focus.

- The first NCPSN newsletter for consumers (in English and Spanish) was developed and distributed within the communities of focus by the NCPSN Education Committee.
- The NCPSN Health Educator reached out to, and educated 147 pregnant teens within five local school districts. There have been three objectives for working with the pregnant teens at these schools: to educate and engage them to receive prenatal care; to reduce the percentage of students who become pregnant again within their teen years; and to encourage them to stay in school. As a result, 99% of the teens kept their prenatal care appointments, 6 (approx. 4%) became pregnant again and 12 (approx. 8%) dropped out of school.

Influenza Vaccine Outreach - Vote and Vax

Nassau County Department of Health, in cooperation with Nassau University Medical Center and the Department of Senior Citizen Affairs, utilized the Medical Reserve Corps (MRC) and Civilian Emergency Response Teams (CERT) to host Vote and Vax, providing influenza and pneumococcal vaccines at two polling locations on Election Day. The two sites were selected in the relatively under immunized communities of Hempstead and Freeport.

The program was a success, as 104 people were vaccinated for flu and 25 for pneumonia in Freeport and Hempstead.



Cervical Cancer Screening

Nassau County Department of Health funds grants to community based organizations to address health disparities in access to care. With this funding, Rotacare provides cervical/uterine cancer screening to women who are uninsured or underinsured. From July 2008, 76 women were screened, 5% had never had a pap smear and the average time since the patient's last Pap smear was 2 years. A range of ages of women over 18 years of age were tested with the majority of women between the ages of 35-65 years. Screenings detected 4 sexually transmitted diseases, 4 other

infections and no cervical/uterine cancers. With the assistance of the Office of Minority Affairs, Rotacare was also able to make 4 referrals to the Nassau County Healthy Breast Partnership for free mammographies.

Cancer Education Prevention and Patient Support Program

The Nassau County Department of Health provides support for the Long Island Breast Cancer Action Coalition (1 in 9). The coalition is committed to promoting action towards finding the causes and cures of cancer, with the eradication of all cancers as the ultimate mission. The work of the coalition is conducted primarily by a group of dedicated volunteers.

Hewlett House is a free, non-profit community learning resource center dedicated to helping cancer patients and is staffed by members of 1 in 9. Programs at Hewlett House offer intelligent choices and self confidence to those with cancer, as well as to their family and friends. One of the goals of these support groups is to eliminate the social isolation, despair and hopelessness experienced by people with cancer. Participants learn how to become "Patient Active" and how to get involved in their treatment. Hewlett House is open to all residents of Nassau County without referral and at no cost. Qualified social workers offer therapy and support, education, legal services and social events as well as practical help finding wigs, bras, prostheses, head coverings, bathing suits, eyeglasses, beauty and salon makeovers and other items. Its programs and services provide innovative and creative approaches to the overall needs of patients and to their families and friends.

In 2008, Hewlett House staff provided cancer support group services to over 4,400 women, men and children and responded to over 7,000 cancer-related telephone calls.



*Hewlett House cancer resource
services is open to all Nassau residents*

Developmental Delay Services - Early Intervention Program (EI)

During 2008, 6,629 children received Early Intervention (EI) services. These services include: evaluation, speech/language therapy, physical therapy, occupational therapy, special education, family counseling, transportation and service coordination. The EI Program is responsible for authorizing, coordinating, evaluating and paying for specialized services to children under three years of age with developmental delays, as well as providing services to their families. These services

are managed through an Individual Family Service Plan with contracted agencies who act as evaluators and service providers.

Preschool Special Education Program

During 2008, 6,290 children were enrolled in the Preschool Special Education Program, which provides education-related services for eligible children ages three to five years who have a disability that affects learning. The program is administered by individual school districts' Committees on Preschool Special Education. These committees determine eligibility; write an Individualized Education Program and the schedule of services a child will receive. The County contracts with individual providers and agencies, pays providers and reconciles expenses with the New York State Department of Education.

Nutrition Education Program - Women, Infants & Children Program (WIC)

WIC is a nutrition education program that provides supplemental food to pregnant, breastfeeding, and postpartum women, infants and children up to age five. WIC operates sites in Hempstead, Freeport, Westbury, Elmont and Glen Cove. In 2008, WIC served more than 13,000 participants during each three month period. WIC participants receive nutritional counseling, medical referrals and referrals to additional social services that are available in their communities.

WIC helps families enrolled in the program to adopt healthier lifestyle choices. In 2008, the program began to focus on delivering participant centered education based on the Value Enhanced Nutrition Assessment Model implemented by New York State Department of Health WIC. To achieve this goal the program began to conduct facilitated group and individual discussions to foster active participation on a variety of topics aimed at health promotion and disease prevention.

Throughout the year, WIC, in cooperation with First Book grant funding, has distributed thousands of culturally attractive books to preschool children in order to promote reading readiness and physical activity.

WIC recognizes that breastfeeding is the normal method of feeding infants and, thus, breastfeeding is the first and preferred method to feed infants. WIC participants receive breastfeeding information and support through counseling and breastfeeding education. All staff, including 5 Certified Lactation Counselors (CLC) are trained to provide general breastfeeding information. A CLC can issue breast pumps and provide counseling for breastfeeding problems. Fully breastfeeding mothers receive an enhanced WIC food package. All WIC sites have private or semi-private breastfeeding areas and participants can be scheduled into breastfeeding classes. In August 2008, the WIC program had an active 2008 "Going for the Gold" World Breastfeeding Week (WBFW) which included certificates and other handouts to breastfeeding participants. The WBFW posters, displays and presentations were at all WIC sites and at Department of Social Services located at 60 Charles Lindbergh Blvd., Uniondale, NY. The breastfeeding initiation rates are steadily increasing. The breastfeeding initiation rate for 2008 was 74.0%

WIC continued its Healthy Lifestyle Grant initiative in an effort to reduce obesity in children enrolled in the program. Exercise on music CD's or DVD's are played, and facilitated group discussions take place in the waiting room, encouraging WIC families to be more active at home. Books promoting physical activity and healthy eating, including Family Meals, Whole Grain Choo Choo Train and Let's Eat and Let's Play, were given out to the families.

In the spring of 2008 WIC initiated a Walking Program for the participants. Staff members were encouraged to get walking so they would be able to help inspire the Moms and families to GET WALKING! Pedometers were given out to the WIC families along with walking logs and a one page informational handout that listed the benefits of walking.

The WIC program will continue to encourage participants to adopt life style changes that improve nutritional habits and increase physical fitness.

In 2009, the program plans to initiate an Enhanced Peer Counselor program to increase breastfeeding initiation and duration rates.

Ensuring Access to Healthcare – By the Numbers

- Served over 4,400 women, men and children in cancer-support groups at Hewlett House
- Responded to over 7,000 cancer-related telephone calls at Hewlett House
- Served 6,629 infants, toddlers and their families in the Early Intervention Program
- Provided medical, surgical, rehabilitative, orthodontic and/or other related services to approximately 500 children in the Physically Handicapped Children's Program
- Inspected 191 X-ray facilities and 40 mammography units
- Provided \$5 million to Nassau University Medical Center to support essential public health services such as treatment of tuberculosis and sexually transmitted diseases

INNOVATIVE SOLUTIONS TO PUBLIC HEALTH PROBLEMS

Health Promotion Projects

- **Baby Basics**

Nassau County Prenatal Care Assistance Program Providers (PCAP) and Medicaid HMOs (providers of insurance coverage for low income pregnant women) were contacted to generate interest and encourage buy-in on the What to Expect Foundation's Baby Basics. Baby Basics is a health promotion program for expectant mothers and includes materials to educate mothers on how to have a healthy pregnancy. The target audience is low-income, minority women. The materials address health literacy challenges and improvement as well as cultural appropriateness. The program will be available to PCAP participants in 2010.

- **Lactation Pilot Program**

A workplace-friendly Lactation Pilot Program for Nassau County Department of Health employees was established. A private room was identified for nursing mothers returning to work to pump milk at scheduled break-times during their workday. Information on lactation is available in the room and telephone consultations with available certified lactation consultants can be requested.

- **Linguistic Program**

A joint effort with the New York College of Osteopathic Medicine of New York Institute of Technology (NYCOM/NYIT) working group for Culture and Health: A Bridge Across the Linguistic Divide was initiated. This Health Resources and Services Administration (HRSA) funded outreach project aims to develop bilingual patient education information in a parallel text format that may be more effective in communication with, and education of low English proficiency patients. This resource will be available late 2009.

- **Developed Pool Activity Leader Program to Assist Children's Camps**

In order to assist summer day camps struggling to meet the NYS requirement of providing a qualified lifeguard to supervise camper bathing activities when visiting an off-site aquatic facility, the Department evaluated the intent of this requirement and developed an alternative method with the Long Island Chapter of the American Red Cross (ARC). A new ARC course entitled "Pool Activity Leader" was created and provides the camp's activity leader with the knowledge necessary to oversee the off-site bathing activities and satisfy the intent of the code. Off-site aquatic facilities are already required to have their own lifeguards and the camp's lifeguard is not permitted by these facilities to serve as a lifeguard. The New York State Department of Health approved this course as an alternative and the Department may consider a waiver from the Children's Camp Code provided that at least one staff member per 75 campers completes the ARC certification in Pool Activity Leader. For the 2008 camp season, approximately twenty-three camps participated in this program and were issued waivers from the camp code. This course continues to be of great interest to the camping community as well as other local health departments. In fact,

there is a proposed amendment to the state regulation to accept this course, an equivalent equal, as an alternative.

- **Creation of Office of Residential Environment- Healthy Homes**

The Office of Residential Environment was created in 2008, to more efficiently address environmental hazards in the residential environment. Previously, issues such as lead poisoning, carbon monoxide, asbestos, mold, pesticides and other contaminants were addressed by different programs. By combining staff and adding a public health educator, these issues will be addressed with a more integrated approach and will enable the unit to also address other issues such as falls prevention and scalding, and to be proactive in the community. This unified approach has been promoted by both the New York State Department of Health and the Federal Centers for Disease Control and Prevention as the “Healthy Homes” concept and will be integrated into the County Executive’s Healthy Nassau effort.



Mold conditions are a preventable problem.

Throughout 2008, the Division of Public Health Emergency Preparedness has collaborated with numerous agencies including faith-based and community-based organizations to ensure that Nassau County can maintain critical infrastructure operations during a Public Health Emergency that could arise from either a man-made or natural disaster. Emergency Preparedness education and training, Medical Reserve Corps recruitment, Point of Dispensing training, City Readiness Initiative participation and Special Needs Shelter planning have all been part of the Department of Health's plan to protect the 1.3 million residents of Nassau County. The Division of Public Health Emergency Preparedness is co-located within the Nassau County's Office of Emergency Management in order to better serve the county on a daily basis and in the event of a public emergency.



HEALTH DEPARTMENT DIVISIONS

Department of Health – General Information & Referral (516) 227-9697

See page 42 for a listing of Health Department Programs and Telephone Numbers

OFFICE OF THE COMMISSIONER

Voice: (516) 227-9500

Fax: (516) 227-9696

Fiscal

In 2008, the Health Department's total General Fund expenditures were \$200.3 million. Approximately 12% of total expenditures were incurred for Personal Services: salaries accounted for 8% (\$16.6 million) and fringe benefits accounted for 4% (\$8.2 million).

Over 80% (\$160.6 million) of the Health Department's total expenditures were incurred for payments to providers serving Nassau County children in two age groups: total expenditures for the Pre-School Special Education Program, serving children ages 3 through 5, were 59% (\$117.2 million) of the total budget; expenditures for the Early Intervention Program, serving children from birth to age 3, were the second greatest cost center and represented 24% (\$48.4 million) of the total budget.

The remaining 8% (\$14.9 million) of general fund expenditures were for general expenses, equipment, contractual services and inter-departmental charges for administration, laboratory, environmental health and public health programs.

The Health Department's revenue in FY2008 was \$113.3 million with 83.9% (\$93.4 million) from state aid reimbursement. The remaining revenue sources were: 9.1% (\$10.1 million) from fees and third party billings; 4.2 % (\$4.7 million) from environmental permits and fines; and 2.8% (\$3.1 million) from recoveries.

The net cost (\$89.0 million) to the County in FY2008 for the Health Department programs was offset by county tax revenues.

The Health Department also received \$8.9 million in grant funds for twenty six (26) separate grant programs. In addition, \$5.2 million of Federal Ryan White grant funding was received and managed on behalf of both Nassau and Suffolk Counties.

Human Resources

Voice: (516) 227-9462

Fax: (516) 227-9536

In 2008, total department staffing (general fund and grant funded positions) had a net increase of 11 (increased by 13 full-time positions and decreased by 2 part-time positions). The total number of employees in grant funded positions decreased to 101 (from 105) from 2007 to 2008. At year-end, there were 96 full-time and 5 part-time employees in grant funded positions. There was a net increase of 11 full-time and 4 part-time employees in county funded (General Fund) positions during 2008. At year-end there were 231 full-time and 18 part-time employees in the general fund. Altogether at year-end, there were a total of 350 employees, 327 full-time and 23 part-time employees.

ENVIRONMENTAL HEALTH

Voice: (516) 227-9723

Fax: (516) 227-9611

The Division of Environmental Health promotes safe drinking water, food, and indoor and ambient air quality by oversight, inspection and monitoring. It protects the community from adverse effects resulting from environmental pollution, unsanitary conditions or unsafe practices. It investigates groundwater contamination and complaints, conducts tobacco compliance checks, responds to emergency spills and incidents, controls and regulates the storage, handling and disposal of hazardous material and toxic chemicals; residential developments of five lots or more; commercial development in non-sewered areas; and monitors the abatement of household lead hazards. It inspects radiological health diagnostic equipment and food service establishments. It provides education to food handlers as well as investigates food-borne outbreaks and the siting of new or modified daycare facilities. The division oversees the public health aspects of tanning salons, hotels, motels and recreational facilities including children's camps, pools and bathing beaches; certifies lifeguards and tattoo artists; conducts mosquito and rabies surveillance and coordinates the Nassau County Pesticide Policy. The division is a member of several advisory committees, including the Nassau County Legislature's Feral Cat Committee, Nassau County Geographic Information System Basemap and Executive Committee, and the Nassau County Water Safety Advisory Committee.

In 2008, the division:

- Monitored the removal of 629 small/homeowner fuel oil tanks and 197 commercial tanks.
- Monitored the abandonment of 1,863 small/homeowner fuel oil tanks and 8 commercial tanks.
- Conducted 747 toxic and hazardous material storage facility inspections, including 337 sites regulated under the New York State Petroleum Bulk Storage delegation program.

- Assisted the New York State Department of Health (NYSDOH), the New York State Department of Environmental Conservation (NYSDEC) and the United States Environmental Protection Agency (USEPA) by reviewing and commenting on 45 Hazardous Waste Site Reports and attended 10 public meetings concerning the investigation and remediation of major sites of soil and groundwater contamination.
- Conducted 51 inspections related to soil and groundwater contamination, collected 47 samples and reviewed 10 closure reports.
- Inspected 88 sewer connection sites, collected 12 samples and reviewed 13 closure reports to investigate subsurface wastewater or toxic chemical contamination discharges or spills related to on-site sanitary systems.
- Conducted sanitary surveys and security evaluations at 5 public water systems, involving comprehensive compliance reviews of all mandated programs and inspections of 12 wells and 5 water storage tanks.
- Reviewed 92 Environmental Assessments, inspected six sites, collected 35 groundwater samples and monitored four soil vapor investigations for land development projects.
- Reviewed and approved engineering construction plans for 117 public water supply facilities, 344 water service line backflow prevention devices, 74 toxic and hazardous material storage tanks and areas, 14 swimming pools, 11 realty subdivisions, 12 commercial sanitary waste water disposal systems; and inspected 32 of the sites to evaluate site conditions or completed construction.
- Reviewed over 204,700 public water system laboratory results in order to ensure the quality of the drinking water and that all monitoring requirements were met, and collected over 4,300 samples for comprehensive testing.
- Interviewed and certified 21 water treatment plant operators.
- Promoted Integrated Pest Management procedures and the Nassau County Pesticide Policy that advocates for the minimal use of pesticides and the avoidance of their misuse.
- Conducted inspections at 154 establishments for the purpose of verifying compliance with the signage requirements under the Nassau County Neighbor Notification Law.
- Analyzed 494 dead bird reports and collected 26 birds for WNV testing, of which 3 were confirmed positive for WNV. Set 833 mosquito traps; gathered 428 pools of mosquitoes; 57 tested positive for WNV.
- Responded to 721 reports of animal bites and arranged for 897 animal specimens to be submitted for rabies virus testing, of which 1 bat was confirmed positive.

- Performed 44 environmental lead investigations, of which 35 inspections were in response to reports of elevated blood lead levels in children six years old or younger, five were day care facility inspections and four were in response to complaints concerning lead hazards.
- Continued the Adolescent Tobacco Use Prevention Act (ATUPA) compliance checks to deter the sale of tobacco to those under 18 years of age. A total of 2,037 "stings" were conducted resulting in a compliance rate of 92% by tobacco vendors.



Posting of notice of food establishment closure

- Trained 1,707 food service workers in safe food handling procedures to help prevent food borne disease outbreaks in restaurants, delicatessens and other regulated food service establishments.
- Inspected 5,151 food establishments, including checks for compliance with the NYS Clean Indoor Air Act.
- Responded to various emergencies and incidents including: 37 fires at food service establishments, and 14 further incidents at food service establishments, including overflowing sewage, floods, recalls, power outages, and vehicular accidents; one request for assistance from NCPD and NCFM to a hazardous materials incident.
- Inspected 191 X-ray facilities and 40 mammography units.
- Tested 2,114 and certified 1,867 lifeguards. Certified 83 tattoo artists.
- Inspected 289 swimming pools, 130 children's summer camps, 58 bathing beaches and 62 hotels and motels to insure sanitary and safe conditions.
- Conducted 9 investigations of sites for new or modified daycare facilities to ensure sanitary conditions and a healthy environment. Five sites were found acceptable for use as child daycare centers, one was deemed unacceptable due

to its proximity to a hazardous waste site, one was withdrawn and two are pending.

- Coordinated and responded to over 2,000 Freedom of Information Law (FOIL) requests.
- Commenced 338 enforcement actions and assessed \$280,650 in penalties for violations of the New York State Sanitary Code and the Nassau County Public Health Ordinance.

DISEASE CONTROL

Voice: (516) 227-9496

Fax: (516) 227-9614

To report a Communicable Disease Mon-Fri 9am- 4:45pm

(516) 227-9496

After hours/Weekends

(516) 742-6154

The Division of Disease Control protects the public from the spread of communicable diseases through surveillance, investigation and actions to prevent the spread of disease. Some of the actions taken to prevent outbreaks include: immune globulin prophylaxis for individuals exposed to hepatitis A, exclusion of young children with diarrheal diseases from day care and/or kindergarten programs and confirmation of appropriate treatment for individuals with tuberculosis (TB). Disease Control also maintains a 24-hour public health consultation service for reporting of notifiable diseases and physician consultation. The division promotes immunizations for children and adults, provides surveillance and case-management services for children with elevated lead levels and maintains a registry of all children tested for lead. It also provides health promotion activities, especially for tobacco prevention and cessation, asthma control, oral health, and promotes healthy nutrition and physical activity.

In 2008, the division:

- Received and reviewed 25,362 laboratory reports of 72 mandated communicable diseases.
- Verified the diagnosis of 4,706 reports of communicable diseases (excluding tuberculosis and sexually transmitted diseases), 35 cases of Lyme disease, 170 cases of meningitis, 361 cases of chronic and acute hepatitis B and 1,028 cases of chronic and acute hepatitis C.
- Investigated and verified the diagnosis of 328 reported suspect tuberculosis cases. Provided case management for all 44 confirmed cases of TB until completion of treatment.
- Provided 6,000 Directly Observed Therapy (DOT) observation services for all persons receiving medications for TB.
- Identified and tested 201 persons in contact with infectious TB individuals.

- Received and reviewed reports of the results of 29,651 blood lead tests on children.
- Provided case management services for 94 children with blood lead levels ≥ 10 ug/dl (micrograms of lead per deciliter of blood.)
- Provided 1,417 students in 14 schools with tobacco prevention education.
- Supplied 1,999 residents with nicotine replacement therapy.

HIV/AIDS AND STD CONTROL

Voice: (516) 227-9423

Fax: (516) 227-9610

Activities of this bureau focus on risk reduction, education, early identification, disease intervention and partner notification of those infected with HIV/AIDS, syphilis, gonorrhea and chlamydia. These activities are done in partnership with health care providers, community based organizations, members of the faith community and schools as well as other county agencies. Disease intervention activities involve assuring appropriate treatment of county residents with curable Sexually Transmitted Diseases (STDs) and conducting interviews to identify sexual contacts.

The Partner Notification Assistance Program (PNAP) provides newly-reported HIV infected individuals with the opportunity to obtain assistance with notifying their sexual and needle-sharing partners about exposure to HIV.

Nassau County has served as the applicant, grantee and initial recipient of federal funding for HIV and AIDS services under the Ryan White CARE Act since 1993 through a memorandum of understanding with Suffolk County. The grant and subsequent awards to Nassau and Suffolk programs for services to persons with HIV/AIDS are administered through a contract with United Way of Long Island.

In 2007 (last available figures), there were 3,714 people living with AIDS and an additional 2,039 individuals living with HIV in the Nassau/Suffolk Eligible Metropolitan Area (EMA) (HIV became a reportable disease in New York State in June 2000). A total of 51,236 units of service were provided to 3,501 clients in both counties during the 2008 contract year.

In 2008, the bureau:

- Provided HIV counseling and testing for 161 people.
- Notified 24 sexual-and needle-sharing partners of newly-reported HIV cases that they may be at risk of HIV.
- Identified 161 individuals for HIV/PNAP education in community-based agencies and supplied 40 providers with technical assistance.

PUBLIC HEALTH EMERGENCY PREPAREDNESS

Voice: (516) 573-0750

Fax: (516) 573-0757

In 2008, the Health Department's Division of Public Health Emergency Preparedness accomplished the following to improve capabilities and capacities in an all-hazards public health emergency.

- Provided over 50 trainings to Department of Health employees and Medical Reserve Corps volunteers.
- Attended the Public Health Summit in Atlanta, Georgia and presented on protecting vulnerable populations through partnering with community organizations and preparedness planning through a Health and Medical Multi-Agency Coordinating Group.
- Coordinated the Annual Citizen Corps Volunteer Recognition Dinner for Medical Reserve Corps and Community Emergency Response Team Volunteers.
- Facilitated a state sponsored Community Engagement meeting on Pandemic Influenza at the Hicksville Fire Department.
- Facilitated Special Needs Shelter Training for Catholic Charities employees, Medical Reserve Corps (MRC) and Community Emergency Response Team (CERT) volunteers.
- Attended training for CHEMPACK and Strategic National Stockpile deployment.
- Continued Incident Command System training for the Department of Health staff.
- Presented many Emergency Preparedness and Pandemic Influenza Awareness programs to local communities.
- Increased the number of Medical Reserve Corps (MRC) volunteers to 504 members.
- Partnered with first responders, hospitals, nursing homes, skilled-nursing facilities, home care agencies, and community based organizations.
- Conducted an influenza vaccine Point of Dispensing (POD) with the Nassau County Police Department and their families.
- Increased the number of Point of Dispensing (POD) locations and volunteers.
- Performed notification drills to test emergency preparedness plans and updated database for volunteers.
- Collaborated with the City Readiness Initiative Regional partners.
- Facilitated Special Needs Shelter Training for Catholic Charities employees, Medical Reserve Corps (MRC) and Community Emergency Response Team (CERT) volunteers on May 14th and May 15th, 2008.
- Participated in the New York State Empire Express Hurricane Drill in June.
- Participated in a three-day Pandemic Influenza Planning and Preparedness (PIPP) course in August 2008.
- Participated in a Tabletop Exercise in preparation for the Presidential Debate, at Police Headquarters

COMMUNITY & MATERNAL CHILD HEALTH SERVICES

Voice: (516) 227-8887

Fax: (516) 227-8666

The Division of Community & Maternal Child Health Services provides administrative support to community-based programs and facilitates coordination and integration of services to children and families. The division includes:

- Office of Children with Special Needs
 - Early Intervention Program
 - Preschool Special Education
 - Physically Handicapped Children's Program
- Community Health Worker Program
- Perinatal Services Network
- Women, Infants & Children Program (WIC) Program

PUBLIC HEALTH LABORATORIES

Voice: (516) 572-1202

Fax: (516) 572-1206

The Division of Public Health Laboratories of the Nassau County Department of Health provides essential analytic and diagnostic laboratory services which assess the status of community health in Nassau County. It maintains the necessary technical expertise and instrumentation to evaluate disease outbreaks, monitor disease control programs, and test for the presence of bacterial and chemical contaminants in the environment. It serves as a center for developing health assessment methodologies, rapid response capabilities to new etiological agents, investigative protocols for disease outbreaks, technological support for prevention and control strategies and rapid response capabilities during environmental emergencies. The Health Department Laboratory is available to respond to public health emergencies 24 hours a day 7 days a week.

The Public Health Laboratory is composed of two divisions; Clinical and Environmental Microbiology and Environmental Chemistry. The consolidation of the Cedar Creek Water Treatment Plant Process Control Laboratory of the Department of Public Works with the Public Health Laboratory is ongoing. The Department of Public Works' Cedar Creek Process Control Laboratory performs Biochemical Oxygen Demand and Total Suspended and Total Solids. Metals testing on Water Treatment Plant samples have already been moved to the Public Health Laboratory. In 2008, the Public Health Laboratory also acquired samples for hepatitis testing from the County's Chemical Dependency Program and samples for microbiological analysis from the Office of the Medical Examiner.

The Clinical and Environmental Microbiology division offers the following services:

- Serodiagnostic screening and confirmatory testing for communicable diseases
- Immune status evaluation for communicable diseases

- Comprehensive cultural and microscopic capabilities for identifying the pathogenic agents of communicable diseases
- Capabilities for tracking food borne illnesses and the testing of food for enteric pathogens and toxins
- Monitoring of the quality of beach water, the efficacy of waste water treatment, and the quality of drinking water

The Environmental Chemistry Division offers the following services;

- The identification of chemical agents in water, air, soil, and dust.
- Spectrometric "fingerprinting" of unknown chemical agents to address chemical spills or other environmental emergencies
- Analysis of soil, water, and paint for lead and soil for mercury contamination



Elaine Rowe testing drinking water for semi-volatile organic chemicals using high performance liquid chromatography.

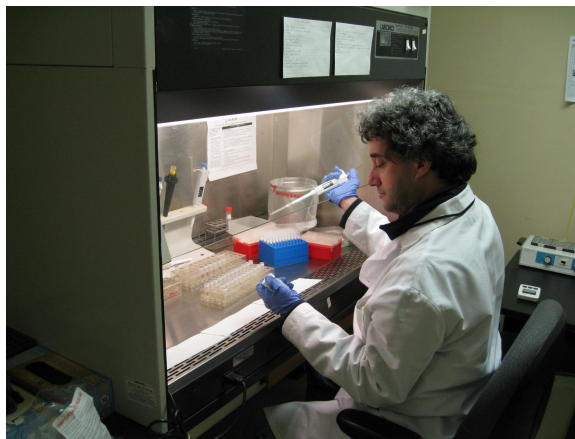
In 2008, the Division of Public Health Laboratories:

- Identified 19,116 mosquitoes of 23 different species from 833 mosquito traps for West Nile virus testing.
- Performed tests on 895 specimens for HIV
- Performed tests on 8514 specimens for N. gonorrhea and Chlamydia and 8947 specimens for syphilis
- Performed tests on 250 specimens for microbiology



Denise Gaglione performing nucleic acid amplification testing for STD pathogens

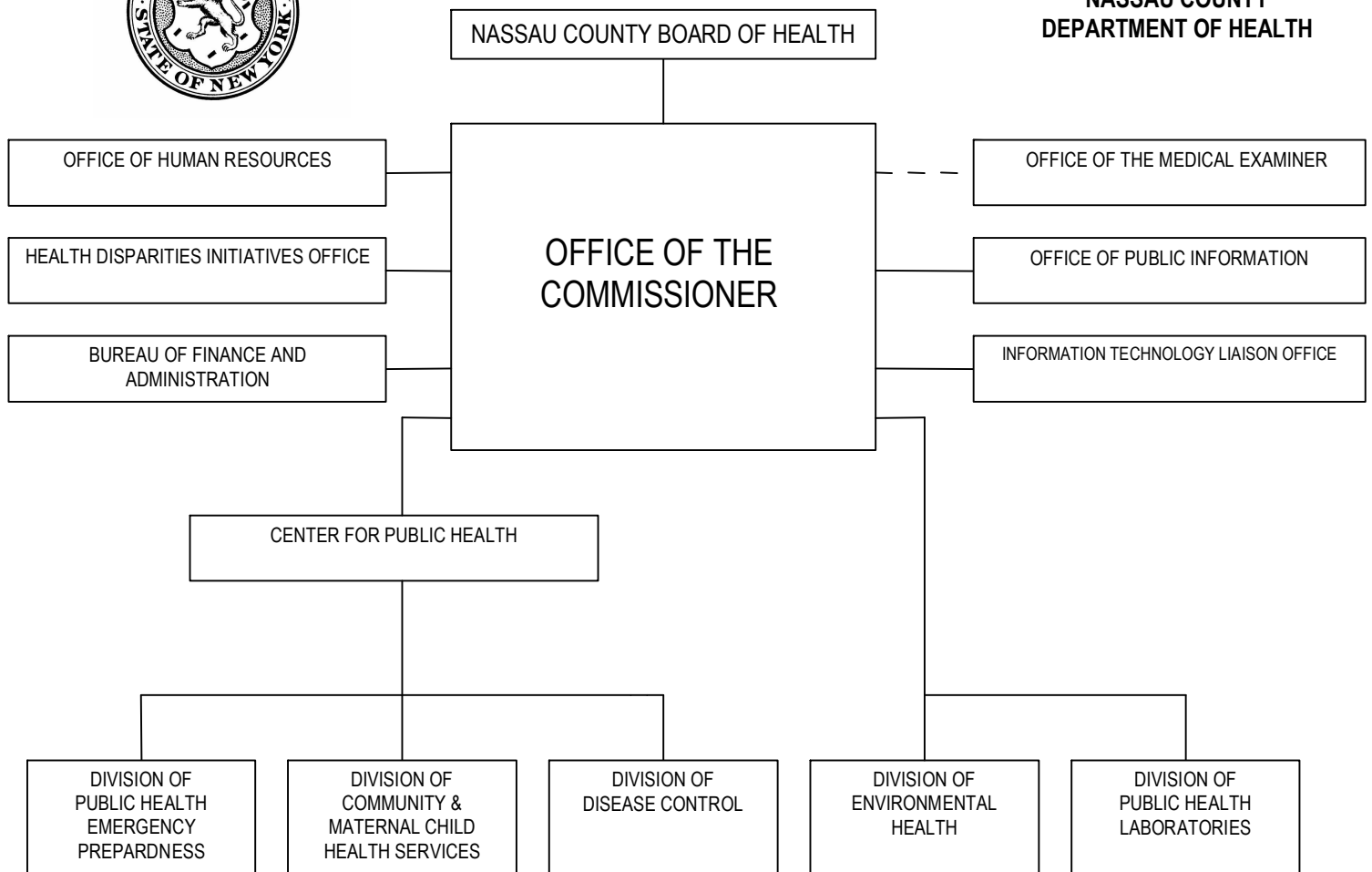
- Performed tests on 257 samples for measles, mumps, rubella, and varicella immune status and 370 samples for diagnosis of hepatitis.
- Performed tests on 8,673 samples for microbiology in the Environmental Laboratories.
- Performed tests on 3,423 drinking and wastewater samples for chemical contaminants



David Miller processing samples for mycobacterial testing in a biological safety cabinet.

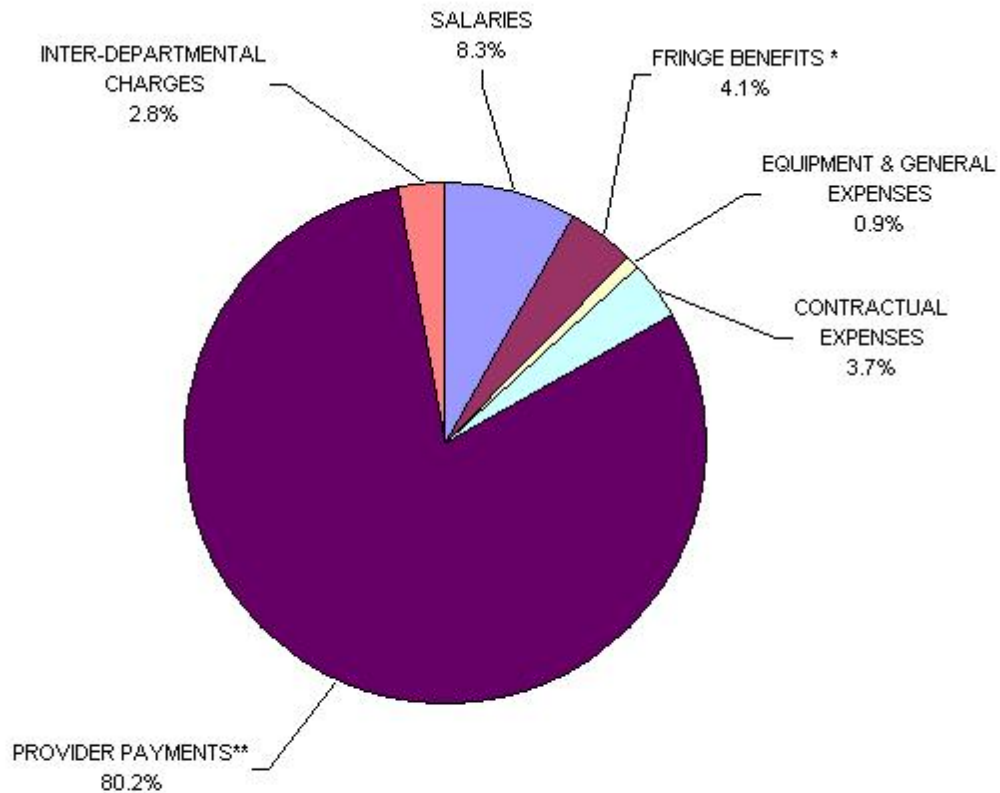


**NASSAU COUNTY
DEPARTMENT OF HEALTH**



JANUARY 2008

NASSAU COUNTY DEPARTMENT OF HEALTH **FY2008 EXPENDITURES** **BY TYPE**



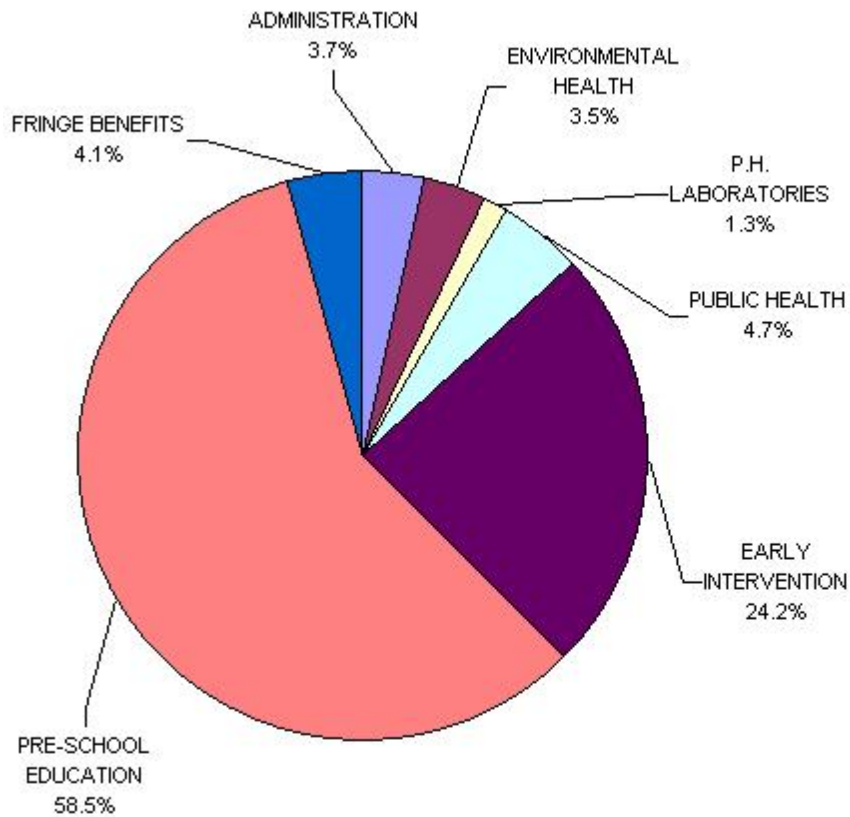
SALARIES	\$16,579,815
FRINGE BENEFITS *	8,183,439
EQUIPMENT & GENERAL EXPENSES	1,828,674
CONTRACTUAL EXPENSES	7,426,056
PROVIDER PAYMENTS**	160,649,527
INTER-DEPARTMENTAL CHARGES	5,644,311
TOTAL	\$200,311,822

* Fringe benefits are budgeted centrally by the County. The amount above represents the fringe benefit costs allocated to the Health Department.

** Provider Payments reflects payments to Early Intervention and Pre-School Education providers.

Note: Nassau County Department of Health also received \$8.9 million in grant funds, as well as \$5.2 million of Ryan White grant funding managed for Nassau and Suffolk Counties.

NASSAU COUNTY DEPARTMENT OF HEALTH **FY2008 EXPENDITURES** **BY CONTROL CENTER**

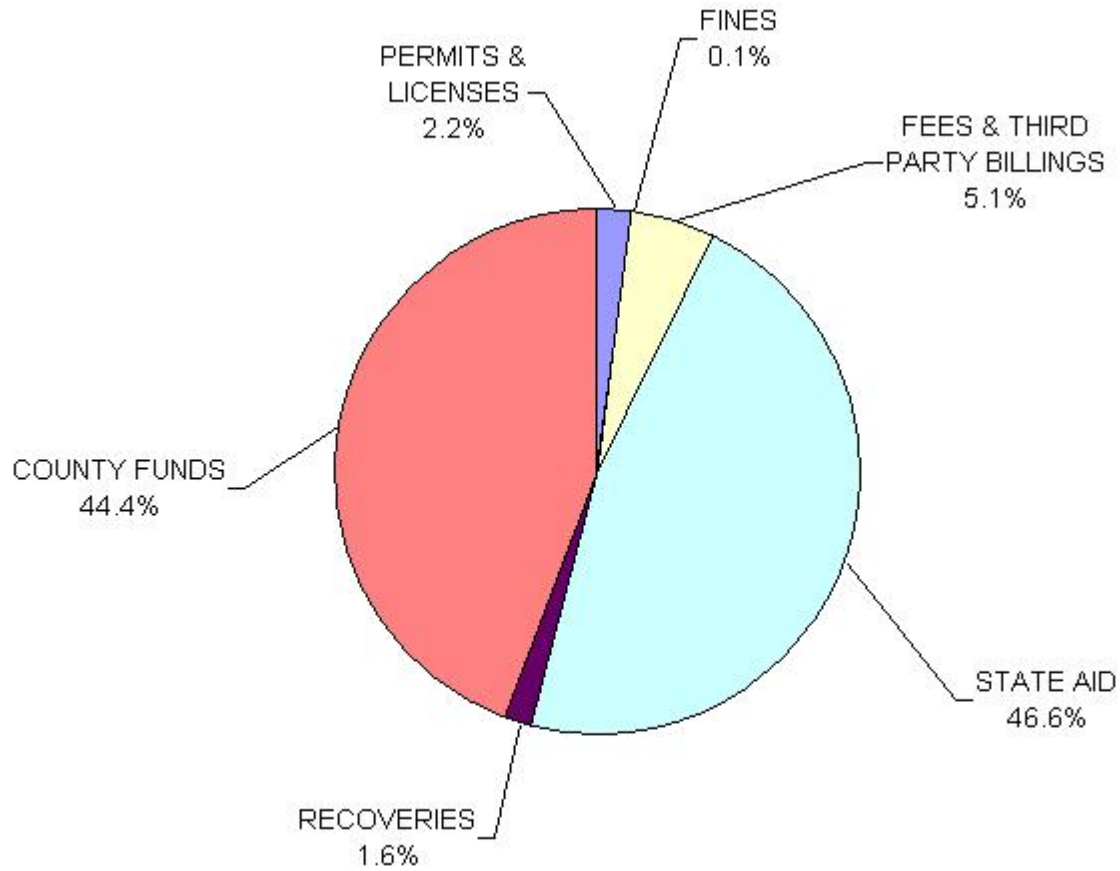


HE10 -	ADMINISTRATION	\$7,497,092
HE20 -	ENVIRONMENTAL HEALTH	7,107,133
HE30 -	P.H. LABORATORIES	2,578,002
HE40 -	PUBLIC HEALTH	9,315,648
HE51 -	EARLY INTERVENTION	48,405,440
HE54 -	PRE-SCHOOL EDUCATION	117,225,068
FB10 -	FRINGE BENEFITS	8,183,439
	TOTAL	\$200,311,822

Fringe benefits are budgeted centrally by the County. The amount above represents the fringe benefit costs allocated to the Health Department.

Note: Nassau County Department of Health also received \$8.9 million in grant funds, as well as \$5.2 million of Ryan White grant funding managed for Nassau and Suffolk Counties.

NASSAU COUNTY DEPARTMENT OF HEALTH **FY2008 REVENUES** **BY TYPE**



PERMITS & LICENSES	\$4,441,278
FINES	215,416
FEES & THIRD PARTY BILLINGS	10,141,872
STATE AID	93,406,254
RECOVERIES	3,105,215
COUNTY FUNDS	89,007,787
TOTAL	\$200,311,822

Note: Nassau County Department of Health also received \$8.9 million in grant funds, as well as \$5.2 million of Ryan White grant funding managed for Nassau and Suffolk Counties.

**NASSAU COUNTY REPORTABLE CASES OF NOTIFIABLE
DISEASES 1999 – 2008 ANNUAL TABLE**

DISEASE	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AIDS*	153	169	159	151	129	114	102	96	91	119
Amebiasis	31	24	26	15	17	14	17	17	14	14
Babesiosis	2	3	2	2	2	2	3	6	4	1
Botulism	0	0	1	0	0	0	0	0	0	0
Brucellosis	0	0	0	0	1	0	0	0	0	0
Campylobacteriosis	203	192	163	177	186	197	194	182	185	228
Chlamydia	NR	NR	1219	1353	1678	1903	1995	2212	2418	2618
Cholera	0	1	0	0	0	0	1	0	0	0
Cryptosporidiosis	23	19	6	10	4	2	24	7	8	3
Cyclospora	0	4	0	0	0	2	0	0	1	1
Dengue Fever	NR	NR	NR	NR	0	0	0	3	5	3
Diphtheria	0	0	0	0	0	0	1	0	0	0
E. Coli 0157:H7	11	16	15	9	6	12	12	9	12	4
E. Coli Non 0157	NR	NR	NR	NR	6	1	2	5	10	12
Ehrlichiosis	0	3	0	0	0	0	2	7	3	2
Encephalitis	12	19	30	37	13	11	13	9	4	2
Giardiasis	201	192	132	146	135	141	122	109	111	96
Gonorrhea	384	423	167	500	440	407	402	405	386	361
Haemophilus Influenzae (Inv.)	9	13	8	13	27	14	23	17	22	28
Hemolytic Uremic Syndrome	0	4	1	0	0	1	1	0	0	0
Hepatitis A	35	43	60	46	31	29	23	12	16	9
Hepatitis B (acute)	15	23	21	17	14	9	17	8	4	9
Hepatitis C (acute)	1	1	3	5	1	4	1	3	4	5
Hepatitis – unknown	2	1	0	0	0	0	0	0	0	0
Hepatitis B, Chronic	NR	NR	NR	NR	NR	690	438	516	464	321
Hepatitis C, Chronic	NR	NR	NR	NR	NR	1642	1040	1104	1119	1234
HIV**	NR	132	151	114	95	103	118	155	99	156
Herpes Infection Infant ≤60 Days	NR	NR	NR	NR	NR	NR	NR	NR	0	1
Influenza-Lab Confirmed	NR	NR	NR	NR	NR	NR	NR	446	621	1680
Influenza Associated Pediatric Mortality	NR	NR	NR	NR	NR	0	0	0	0	0
Legionellosis	3	11	6	4	12	10	20	40	33	28
Listeriosis	15	15	5	9	9	6	14	15	5	13
Lyme Disease	107	86	48	82	75	59	122	116	104	41
Malaria	11	19	19	11	11	16	13	9	17	10
Measles	2	0	2	0	1	0	0	2	0	1
Meningitis, Aseptic	24	93	173	172	162	176	188	115	80	142
Meningitis, Other Bact.	20	8	15	18	14	13	18	18	16	18
Meningitis, Unspec.	19	12	9	1	1	6	0	5	0	5
Meningococcal Infection	7	9	7	4	7	7	7	3	2	4
Mumps	1	3	2	0	0	0	12	9	4	5

**NASSAU COUNTY REPORTABLE CASES OF NOTIFIABLE
DISEASES 1999 – 2008 ANNUAL TABLE**

Pertussis	8	11	4	10	71	46	24	99	41	30
Psittacosis	0	0	0	0	0	0	0	0	0	0
Q Fever	NR	NR	0	0	0	0	0	1	2	0
Rocky Mtn. Spotted Fever	1	1	0	0	0	1	0	0	0	3
Rubella	17	0	0	1	0	0	0	1	0	0
Salmonellosis	217	186	189	230	174	231	226	186	168	254
Shigellosis	79	262	241	64	78	35	43	34	66	169
Staph aureus, vanco resistant	NR	NR	NR	NR	NR	1	0	0	0	3
Strep Group A, Invasive	30	32	40	30	39	27	38	48	38	36
Strep Group B, Invasive	34	43	39	57	82	65	86	108	118	90
Strep Pneumoniae Inv.	78	101	140	133	117	114	128	139	113	145
Syphilis: Early	10	4	6	15	16	30	46	40	67	57
Syphilis: Late	111	74	62	52	94	19	54	98	97	106
Toxic Shock Syndrome	0	1	0	0	1	0	1	0	0	0
Trichinosis	0	0	0	0	0	0	0	1	0	0
Tularemia	0	0	0	0	0	0	0	0	0	0
Tuberculosis	76	70	94	65	56	57	53	51	48	45
Typhoid Fever	3	4	4	3	3	2	4	4	6	5
Vibrio Parahaemolyticus	0	4	8	5	3	6	6	10	6	5
West Nile Fever	0	0	0	0	2	0	1	1	0	3
West Nile Virus	6	0	4	11	16	0	11	4	2	17
Yersiniosis	8	9	10	6	4	2	11	11	5	2
Total	1969	2340	3291	3578	3833	6227	5677	6496	6639	8144
NR: Not reportable in New York State during that full calendar year										
*AIDS: data excludes state prison inmates, Data as of April 2009										
**HIV: data excludes state prison inmates, Data as of April 2009										

DEPARTMENTAL PROGRAMS TELEPHONE NUMBERS

GENERAL INFORMATION	(516) 227-9697
<i>AFTER HOURS EMERGENCIES</i>	(516) 742-6154
AIDS HIV HOTLINE (Counseling and Testing)	(800) 462-6785
AIR QUALITY	(516) 227-9686
ANIMAL BITES	(516) 227-9663
CHEMICAL STORAGE	(516) 227-9691
CHILD FIND (FORMERLY ICHAP)	(516) 227-8695
CHILDREN'S SUMMER DAY CAMPS	(516) 227-9717
COMMISSIONER'S OFFICE	(516) 227-9500
COMMUNICABLE DISEASE CONTROL	(516) 227-9496
COMMUNITY HEALTH WORKER PROGRAM	(516) 572-0934
COMPLAINTS GENERAL NUISANCES	(516) 227-9715
DISEASE CONTROL	(516) 227-9496
DRINKING WATER	(516) 227-9692
EARLY INTERVENTION PROGRAM	(516) 227-8661
EMERGENCY MEDICAL SERVICES	(516) 573-0750
EMERGENCY PREPAREDNESS	(516) 573-0750
ENVIRONMENTAL ENGINEERING	(516) 227-9672
ENVIRONMENTAL HEALTH DIRECTOR	(516) 227-9723
FOOD COMPLAINTS & GENERAL INFORMATION	(516) 227-9717
HAZARDOUS MATERIALS	(516) 227-9691
HOMEOWNER TANK ABANDONMENT PROGRAM	(516) 227-9691
HEALTH EDUCATION	(516) 227-9694
HEAT AND HOUSING COMPLAINTS	(516) 227-9715
HIV BUREAU	(516) 227-9423
HIV PARTNER NOTIFICATION PROGRAM	(516) 227-9590
HOUSING COMPLAINTS	(516) 227-9715
HUMAN RESOURCES	(516) 227-9462
IMMUNIZATION ACTION PROGRAM	(516) 227-9416
LABORATORY- 209 MAIN ST HEMPSTEAD	(516) 572-1202
LEAD POISONING PREVENTION PROGRAM	(516) 227-9665
LIFEGUARD CERTIFICATION	(516) 227-9678
MEDICAL EXAMINER	(516) 572-5150
MEDIA LIAISON	(516) 227-9455
MOSQUITO CONTROL PROGRAM	(516) 572-1166
PERINATAL NETWORK	(516) 572-0954
PETROLEUM STORAGE	(516) 227-9691
PRESCHOOL SPECIAL EDUCATION PROGRAM	(516) 227-8653
PHYSICALLY HANDICAPPED CHILDREN'S PROGRAM	(516) 227-8665
PUBLIC HEALTH NUISANCES	(516) 227-9715
PUBLIC WATER SUPPLY	(516) 227-9692
RABIES CONTROL	(516) 227-9663
RADIOLOGICAL HEALTH	(516) 227-9690
SEWAGE SPILLS	(516) 227-9692
SEXUALLY TRANSMITTED DISEASES - CONTROL PROGRAM	(516) 227-9439
SWIMMING POOLS AND BATHING BEACHES	(516) 227-9717
TATTOO PARLOR/BODY PIERCING	(516) 227-9717
TEMPORARY RESIDENCES	(516) 227-9717
TOBACCO CESSATION PROGRAM	(516) 227-9424
TOBACCO COMPLAINTS	(516) 227-9617
TUBERCULOSIS CONTROL	(516) 227-9664
WIC ADMINISTRATION OFFICE	(516) 227-9442
• ELMONT	(516) 571-8228
• FREEPORT	(516) 571-8606
• GLEN COVE	(516) 571-8029
• HEMPSTEAD	(516) 572-0920
• WESTBURY	(516) 571-9535

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**Nassau County Department of Health
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THOMAS R. SUOZZI, COUNTY EXECUTIVE - 2008

Nassau County Legislature - 2008

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